Promising Programs for Energy Efficiency





Pentagon Reservation:

583 acres

Pentagon Bldg: 34 acres

Parking Space: 67 acres

6.5 million sq. ft.

3 Empire State Bldgs.

7,748 windows

17.5 miles of corridors

25,000 personnel

1 million calls each day

Police force

Metro station

Fire station

Health facilities

Post Office

Mini-mall

Heliport

The Pentagon – A Small City





Features



Building Operations Command Center (BOCC)



JCI/York Chillers – Refrigeration Plant (Ten, 3,750-ton chillers)



Pentagon Building Operations Command Center



Johnson Controls furnished and installed on a turn key basis:

- 2,400 sq. ft. BOCC Shell
- Interior Design/Build
- Plumbing, HVAC, Electrical, Lighting, Equipment Consoles, Furniture, Wall Coverings



- Four large screen displays (100" projection)
- Raised floor to accommodate IT infrastructure and heating/cooling loads



Pentagon BOCC Integrated Systems

Business Information Network CBRN* Monitoring/Control SCADA HVAC, AHUs, VAVs, Unitaries, Boilers, Lab Control Chillers Air Compressors Computer Room AC Maintenance Lighting Management WASHINGTON Fire/Smoke Contr Security **Power Management Access Controls Vertical Transport Systems**



Questions & Answers



